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## CS635

## ABSTRACT

The electric circuit of a Liquid Crystal Display normally includes a common electrode comprising a material such as indiumtin-oxide that has high resistivity and hence high series resistance. Said series resistance is significantly reduced by the design taught in the present invention wherein an electrically conductive black matrix is located so as to be in contact with the common electrode. Additionally, said design reduces the level of light reflected back in the direction of viewing, thereby improving the contrast level of the display.